



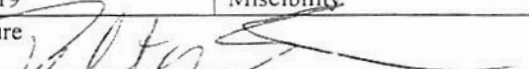
## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Form Approved OMB No. 2070-0060

401 M Street, S.W.  
Washington, D.C. 20460

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## DATA MATRIX

Date: September 17, 2014		EPA Reg No./File Symbol 88341-G		Page 1 of 5	
Applicant's/Registrant's Name & Address: T.A. Comb, LLC 48 South Mill Street Hopkinton, MA 01748		Product:  PureMax			
Ingredient: Sodium chlorate					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
<b>Product Chemistry (Group A)</b>					
830.1550	Product Identity and composition		T.A. Comb, LLC	OWN	
830.1600	Materials used to produce the product		T.A. Comb, LLC	OWN	
830.1620	Description of production process		T.A. Comb, LLC	OWN	
830.1650	Description of formulation process		T.A. Comb, LLC	OWN	
830.1670	Discussion of formation of impurities		T.A. Comb, LLC	OWN	
830.1700	Preliminary analysis		T.A. Comb, LLC	OWN	
830.1750	Certification of ingredient limits		T.A. Comb, LLC	OWN	
830.1800	Enforcement analytical method		T.A. Comb, LLC	OWN	
830.1900	Submittal of samples		T.A. Comb, LLC	OWN	
<b>Product Chemistry (Group B)</b>					
830.6302	Color		T.A. Comb, LLC	OWN	
830.6303	Physical state		T.A. Comb, LLC	OWN	
830.6304	Odor		T.A. Comb, LLC	OWN	
830.6313	Stability		T.A. Comb, LLC	OWN	
830.6314	Oxidation/reduction		T.A. Comb, LLC	OWN	
830.6315	Flammability		T.A. Comb, LLC	OWN	
830.6316	Explosibility		T.A. Comb, LLC	OWN	
830.6317	Storage stability		T.A. Comb, LLC	OWN	
830.6319	Miscibility		T.A. Comb, LLC	OWN	
Signature 			Name and Title Bob Sullivan, Manager		Date 9/17/14

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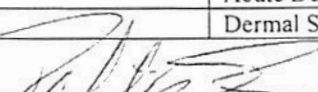
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Ingredient: Sodium chlorate					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Notes
<b>Product Chemistry (Group B) - continued</b>					
830.6320	Corrosion characteristics		T.A. Comb, LLC	OWN	
830.6321	Dielectric breakdown voltage		T.A. Comb, LLC	OWN	
830.7000	pH		T.A. Comb, LLC	OWN	
830.7100	Viscosity		T.A. Comb, LLC	OWN	
830.7220	Boiling point		T.A. Comb, LLC	OWN	
830.7300	Density		T.A. Comb, LLC	OWN	
830.7370	Dissociation constants		T.A. Comb, LLC	OWN	
830.7550/830.7560/830.7570	Partition coefficient		T.A. Comb, LLC	OWN	
830.7840/830.7860	Solubility		T.A. Comb, LLC	OWN	
830.7950	Vapor pressure		T.A. Comb, LLC	OWN	
<b>Acute Toxicology</b>					
870.1100	Acute Oral Toxicity	41819901	Sodium Chlorate Reregistration Task Force	OLD	
870.1200	Acute Dermal Toxicity	42497601	Sodium Chlorate Reregistration Task Force	OLD	
870.1300	Acute Inhalation Toxicity-rat	41819903	Sodium Chlorate Reregistration Task Force	OLD	
870.2400	Acute Eye Irritation	41819904	Sodium Chlorate Reregistration Task Force	OLD	
870.2500	Acute Dermal Irritation	42497602	Sodium Chlorate Reregistration Task Force	OLD	
870.2600	Dermal Sensitization	41819906	Sodium Chlorate Reregistration Task Force	OLD	
Signature 			Name and Title Bob Sullivan, Manager		Date 9/17/14





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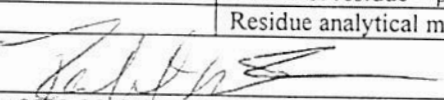
Applicant's/Registrant's Name &amp; Address:

T.A. Comb, LLC  
48 South Mill Street  
Hopkington, MA 01748

Product:

PureMax

Ingredient: Sodium chlorate

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Notes
<b>Toxicology</b>					
870.3100	90-day oral toxicity – rodent	40460402	Sodium Chlorate Reregistration Task Force	OLD	
870.3150	90-day oral toxicity – nonrodent	40460402	Sodium Chlorate Reregistration Task Force	OLD	
870.3700	Developmental toxicity – rat	40460401	Sodium Chlorate Reregistration Task Force	OLD	
870.5100	Bacterial reverse gene mutation	41256201	Sodium Chlorate Reregistration Task Force	OLD	
870.5300	Cytogenetics	41256202	Sodium Chlorate Reregistration Task Force	OLD	
870.5395	Mammalian erythrocyte test	41256203	Sodium Chlorate Reregistration Task Force	OLD	
870.5500	Bacterial DNA damage/repair	41256204	Sodium Chlorate Reregistration Task Force	OLD	
870.5550	Unscheduled DNA synthesis in mammalian cells in culture	41256205	Sodium Chlorate Reregistration Task Force	OLD	
<b>Residue Chemistry</b>					
860.1300	Nature of residue – plants	00066805	Industry Task Force on Sodium Chlorate	OLD	
860.1340	Residue analytical method – plants	00066810	Industry Task Force on Sodium Chlorate	OLD	
Signature 			Name and Title Bob Sullivan, Manager	Date 9/17/14	

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Ingredient: Sodium chlorate


Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Notes
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## Residue Chemistry (continued)

860.1500	Crop field trials <i>Flaxseed and flax (straw)</i> <i>Guar beans</i> <i>Peas (southern)</i> <i>Peppers (chili)</i> <i>Potatoes</i> <i>Rice and rice straw</i> <i>Sorghum (grain, fodder, forage)</i> <i>Soybeans</i> <i>Sunflower seed</i> <i>Wheat</i>	00136326 00136388 00128727 00116554 42930601 00159210 00123743 00128727 00135224 00136326	Interregional Research Project No. 4 Interregional Research Project No. 4 Interregional Research Project No. 4 California Dept. of Food and Agriculture Interregional Research Project No. 4 Tronox, LLC Interregional Research Project No. 4 Interregional Research Project No. 4 Interregional Research Project No. 4 Interregional Research Project No. 4	OLD	
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## Environmental Toxicity

850.2100	Avian acute oral toxicity	42149401	Occidental Chemical Corporation	OLD	
850.2200	Avian dietary toxicity	41819908	Sodium Chlorate Reregistration Task Force	OLD	
850.1075	Fish toxicity	41887203 41887207	Sodium Chlorate Task Force Sodium Chlorate Task Force	OLD	
850.1010	Freshwater invertebrate toxicity	41887204	Sodium Chlorate Task Force	OLD	
850.1025 850.1035	Estuarine/marine toxicity	41887205 41887206	Sodium Chlorate Task Force Sodium Chlorate Task Force	OLD	

Signature 	Name and Title Bob Sullivan, Manager	Date 9/17/14
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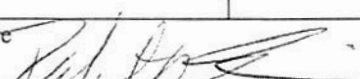
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Ingredient: Sodium chlorate					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Notes
<b>Environmental Toxicity (continued)</b>					
850.4200	Seed germination/root elongation	41948501	Inorganic Chlorate RED Citation	OLD	
850.4400/850.5400	Aquatic plant growth	41887201	Sodium Chlorate Task Force	OLD	
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Ingredient: Sodium chlorate

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
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			T.A. Comb, LLC	OWN	
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			T.A. Comb, LLC	OWN	
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Signature			Name and Title Bob Sullivan, Manager		Date 9/17/14



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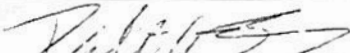
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		T.A. Comb, LLC		OWN	
		T.A. Comb, LLC		OWN	
		T.A. Comb, LLC		OWN	
		T.A. Comb, LLC		OWN	
		T.A. Comb, LLC		OWN	
		T.A. Comb, LLC		OWN	
		T.A. Comb, LLC		OWN	
		Sodium Chlorate Reregistration Task Force		OLD	
		Sodium Chlorate Reregistration Task Force		OLD	
		Sodium Chlorate Reregistration Task Force		OLD	
		Sodium Chlorate Reregistration Task Force		OLD	
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Ingredient: Sodium chlorate

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Notes
			Sodium Chlorate Reregistration Task Force	OLD	
			Sodium Chlorate Reregistration Task Force	OLD	
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			Sodium Chlorate Reregistration Task Force	OLD	
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			Sodium Chlorate Reregistration Task Force	OLD	
			Sodium Chlorate Reregistration Task Force	OLD	
			Sodium Chlorate Reregistration Task Force	OLD	
Signature			Industry Task Force on Sodium Chlorate	OLD	
			Industry Task Force on Sodium Chlorate	OLD	
			Name and Title		Date
			Bob Sullivan, Manager		9/17/14

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Interregional Research Project No. 4	OLD	
Interregional Research Project No. 4		
Interregional Research Project No. 4		
California Dept. of Food and Agriculture		
Interregional Research Project No. 4		
Tronox, LLC		
Interregional Research Project No. 4		
Interregional Research Project No. 4		
Interregional Research Project No. 4		

Occidental Chemical Corporation	OLD	
Sodium Chlorate Reregistration Task Force	OLD	
Sodium Chlorate Task Force	OLD	
Sodium Chlorate Task Force		
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Signature

Name and Title  
Bob Sullivan, Manager

Date  
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48 South Mill Street

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Guideline Study Name

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Status

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Inorganic Chlorate RED Citation

OLD

Sodium Chlorate Task Force

OLD

Signature

Name and Title

Bob Sullivan, Manager

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